

**Abstract**

**[0035]** A bioremediation method and system for destroying or reducing the level of contaminants in a contaminated subterranean body of water includes a plurality of injection sites. The injection sites extend below ground and intersect a body of groundwater. Each of the plurality of injection sites are in communication with a supply of concentrated oxygen. Each of the plurality of injection sites are also in communication with a supply of microbials. The oxygen is conveyed by a delivery mechanism from the supply of oxygen to the injection points. The microbials are also conveyed to the injection points to naturally reduce the contaminants in the groundwater.